l	CLAIM 1.	An integrated cooling device, comprising:		
2		a reservoir configured to contain a liquid coolant;		
3		a pump disposed within said reservoir, said pump being configured to		
4	circulate said	circulate said liquid coolant between said reservoir and a heat source; and		
5		a fan configured to provide a flow of air across said circulating liquid		
6	coolant.			
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1	CLAIM 2.	The integrated cooling device of claim 1 wherein said liquid coolant is		
2 circulated through a tubing arrangement.				
1	CLAIM 3.	The integrated cooling device of claim 1 further comprising a motor		
2	disposed within said reservoir, said motor being operably connected to said pump and			
3	said fan.			
1	CLAIM 4.	A cooling unit configured to circulate a liquid coolant, said cooling unit		
2	comprising:			
3		a reservoir configured to contain said liquid coolant;		
4		a tubing arrangement disposed at an outer surface of said reservoir, said		
5	tubing arrangement being fluidly communicable with a heat exchanging device;			
6		a pump disposed within said reservoir, said pump being configured to		
7	circulate said liquid coolant through said tubing arrangement to said heat exchanging			
8	device; and			
9		a fan configured to provide a flow of air across said tubing arrangement.		
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1	CLAIM 5.	The cooling unit of claim 4 further comprising a motor disposed within		
2	said reservoir	, said motor being operably connected to said pump and said fan.		

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1	CLAIM 6.	The cooling unit of claim 4 wherein said tubing arrangement is coiled over	
2	said outer surface of said reservoir.		
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4	CLAIM 7.	The cooling unit of claim 4 wherein said fan is configured to provide a	
5	forced inducti	ion of air over said tubing arrangement.	
1	CLAIM 8.	The cooling unit of claim 4 further comprising a plurality of fins disposed	
2	over said tubing arrangement, said fins extending longitudinally in a direction of said		
3	flow of air across said tubing arrangement.		
1	CLAIM 9.	The cooling unit of claim 8 wherein said fins are tubular in structure.	
1	CLAIM 10.	The cooling unit of claim 9 wherein said tubularly structured fins are open	
2	at the ends the	ereof, thereby allowing said flow of air to be maintained within said fins.	
1	CLAIM 11.	The cooling unit of claim 8 wherein said fins are fabricated from copper,	
2	copper alloys,	aluminum, aluminum alloys, and combinations of the foregoing materials.	
1	CLAIM 12.	The cooling unit of claim 8 further comprising a shroud disposed over said	
2	fins.		
1	CLAIM 13.	The cooling unit of claim 12 wherein said shroud defines a primary air	
2	inlet at a lower end thereof.		
1	CLAIM 14.	The cooling unit of claim 12 wherein said shroud includes a secondary air	

inlet disposed therein, said secondary air inlet being configured to allow for airflow

communication between opposing sides of said shroud.

1	CLAIM 15.	The cooling unit of claim 14 wherein said secondary air inlet is positioned	
2	on said shroud to register with a space defined by adjacently positioned fins.		
1	CLAIM 16.	The cooling unit of claim 14 wherein said secondary air inlet includes an	
2	air directing	tab associated therewith, said air directing tab being configured to channel	
3		secondary air inlet upon a forced induction of air by said fan.	
1	CLAIM 17.	The cooling unit of claim 12 wherein said shroud is fabricated from a	
2	material selected from the group consisting of plastic, metal, fiberglass, and combinations		
3	of the foregoing materials.		
1	CLAIM 18.	The cooling unit of claim 4 further comprising a cover disposed over said	
2	fan.		
1	CLAIM 19.	The cooling unit of claim 18 wherein said cover comprises,	
2		a frame, and	
3		a plurality of vanes pivotally mounted within said frame, said vanes being	
4	configured to rotate into an open position in response to an airflow generated by said fan.		
1	CLAIM 20.	A thermal dissipation system, comprising:	
2		a heat exchanging unit; and	
3		a cooling unit disposed in fluid communication with said heat exchanging	
4	unit, said cooling unit comprising,		
5		a reservoir,	
6		a pump disposed within said reservoir, said pump being configured to	
7	circulate a liquid coolant between said reservoir and said heat exchanging unit, and		
8		a fan configured to remove heat from said liquid coolant.	

- 1 CLAIM 21. The thermal dissipation system of claim 20 wherein said heat exchanging
- 2 unit is a cold plate.
- 1 CLAIM 22. The thermal dissipation system of claim 21 wherein said cold plate is
- 2 disposed in communication with electronic circuitry.
- 1 CLAIM 23. The thermal dissipation system of claim 20 wherein said cooling unit
- 2 further comprises a motor disposed in operable communication with said pump and said
- fan, said motor being disposed within said reservoir.